

07/19/01  
JC796 U.S. PTO



07-20-01  
Attorney Docket No.: YOR920010243US1

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

APPLICANT(S): Arun Kwangil Iyengar

ASSIGNEE  
NAME: International Business  
Machines Corporation

ASSIGNEE  
RESIDENCE: Armonk, New York

TITLE: Methods and Apparatus for Clustering  
and Prefetching Data Objects

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Application - 8 pages of Specification, 5 pages of Claims and 1 page of Abstract  
3 Sheets of informal drawing(s)  
Declaration and Power of Attorney  
Assignment and Recordation Form Cover Sheet  
Information Disclosure Statement with Form PTO-1449 and cited references

| CLAIMS AS FILED                               |           |           |            |              |
|---|-----------|-----------|------------|--------------|
|   | NO. FILED | NO. EXTRA | RATE       | CALCULATIONS |
| Total Claims                                  | 25-20 =   | 5         | x \$18 =   | \$90         |
| Independent Claims                            | 4-3 =     | 1         | x \$80 =   | \$80         |
| Multiple Dependent<br>Claim(s), if applicable |           |           | \$270 =    | \$0          |
| Basic Fee                                     |           |           |            | \$710        |
|   |           |           | TOTAL FEE: | \$880        |

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$880, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

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I hereby certify that this paper or fee is being deposited with the  
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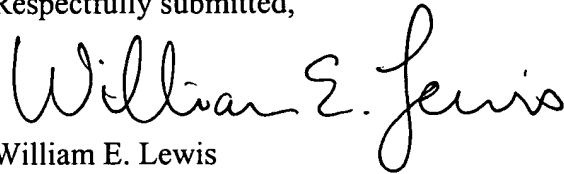
Date of Deposit: July 19, 2001

Signature: Judy E. Ryan

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09/909287  
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Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the under-signed attorney at (516) 759-2946.

Respectfully submitted,



Date: July 19, 2001

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